

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|---------------------------------|------------------|---------|------------------|
| S1 | 1 | ("20050013231").PN. | US-PGPUB; USPAT | OR | OFF | 2006/12/21 14:43 |
| S2 | 482 | (369/103).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/12/05 12:30 |
| S3 | 3549572 | eras\$4 delet\$4 remov\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/05 12:33 |
| S4 | 25740 | hologram | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/05 12:34 |
| S5 | 243 | S2 and S3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/05 12:34 |
| S6 | 10094 | S4 and S3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/26 09:01 |
| S7 | 3549572 | eras\$4 delet\$4 remov\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 10:56 |
| S8 | 25740 | hologram | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/07 15:29 |
| S9 | 10094 | S8 and S7 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 10:56 |
| S10 | 482 | (369/103).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/12/06 10:56 |
| S11 | 243 | S10 and S7 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 10:56 |
| S12 | 1 | ("20050013231").PN. | US-PGPUB; USPAT | OR | OFF | 2006/12/06 10:57 |
| S13 | 56638 | random near3 (pattern information data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 10:58 |
| S14 | 694 | S7 and S8 and S13 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 10:59 |
| S15 | 13 | S7 and S8 and S13 and S10 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 10:59 |
| S16 | 3549572 | eras\$4 delet\$4 remov\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 16:14 |

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| S17 | 25740 | hologram | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 16:13 |
| S18 | 482 | (369/103).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/12/06 16:13 |
| S19 | 56638 | random near3 (pattern information data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 16:13 |
| S20 | 13 | S16 and S17 and S19 and S18 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 16:16 |
| S21 | 50096 | reference near2 (light beam laser) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 16:15 |
| S22 | 2883365 | (light beam laser) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 16:15 |
| S23 | 3843 | S19 same S22 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 16:15 |
| S24 | 96 | S16 and S17 and S21 and S23 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 16:16 |
| S25 | 9 | S24 and S18 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/06 16:16 |
| S26 | 41631 | hologram holographic\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/07 15:29 |
| S27 | 483 | (369/103).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/12/07 15:29 |
| S28 | 3553102 | eras\$4 delet\$4 remov\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/07 15:29 |
| S29 | 56714 | random near3 (pattern information data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 15:07 |
| S30 | 2885801 | (light beam laser) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/07 15:30 |
| S31 | 50145 | reference near2 (light beam laser) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/07 15:30 |
| S34 | 1609 | random\$7 same S26 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/07 15:31 |

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| S35 | 2 | S27 and (S28 same S31 same S34) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/07 15:32 |
| S36 | 3555151 | eras\$4 delet\$4 remov\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 08:34 |
| S37 | 50178 | reference near2 (light beam laser) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 08:34 |
| S38 | 41658 | hologram holographic\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 08:34 |
| S39 | 1611 | random\$7 same S38 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 08:35 |
| S40 | 8 | S36 same S37 same S39 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 08:35 |
| S41 | 694362 | random\$7 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 08:35 |
| S42 | 18 | S36 same S37 same S41 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 09:21 |
| S43 | 32018 | interference near2 (light beam laser) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 09:20 |
| S44 | 1876 | S36 same S43 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 09:21 |
| S45 | 131 | S36 same S43 same S38 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 09:22 |
| S46 | 2 | (S36 same S43 same S38) and (S43 same S41 same S37) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 09:22 |
| S47 | 3555151 | eras\$4 delet\$4 remov\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 15:07 |
| S48 | 40267 | random near3 (information data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 15:27 |
| S49 | 532 | S47 near5 S48 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 15:08 |
| S50 | 43977 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/12/12 15:08 |

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| S51 | 20 | S49 and S50 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 15:10 |
| S52 | 43975 | hologra\$9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 15:10 |
| S53 | 0 | S51 and S52 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 15:12 |
| S54 | 18 | S47 same S48 same S52 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 15:28 |
| S55 | 40373 | random near3 (info\$9 data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 15:27 |
| S56 | 18 | S47 same S55 same S52 - | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/12 15:28 |
| S57 | 3555151 | eras\$4 delet\$4 remov\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 10:35 |
| S58 | 40267 | random near3 (information data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 09:54 |
| S59 | 532 | S57 near5 S58 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 09:54 |
| S60 | 43977 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/12/13 09:54 |
| S61 | 20 | S59 and S60 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 09:54 |
| S62 | 43975 | hologra\$9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 09:54 |
| S63 | 0 | S61 and S62 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 09:54 |
| S64 | 1875350 | record\$3 writ\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 10:34 |
| S65 | 447575 | eras\$4 delet\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 10:35 |
| S66 | 3 | S64 same S65 same S62 same S58 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 10:36 |

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|-----|-------|---|---------------------------------|----|-----|------------------|
| S67 | 554 | S64 same S65 same S58 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 11:27 |
| S68 | 65 | (S64 same S65 same S58) and S60 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 11:34 |
| S69 | 1 | ("4851936").PN. | US-PGPUB; USPAT | OR | OFF | 2006/12/13 11:34 |
| S70 | 3 | (S64 same S65 same S58) and S60 and hologra\$9 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 11:35 |
| S71 | 4 | S65 same hologra\$9 same S58 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/13 11:35 |
| S72 | 45 | angle near2 multiplex near3 (record\$ writ\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/21 14:43 |
| S73 | 41788 | hologram holographic\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/21 14:43 |
| S74 | 41 | S72 and S73 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/21 14:44 |
| S75 | 36 | S72 same S73 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/22 16:14 |
| S76 | 45 | angle near2 multiplex near3 (record\$ writ\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/22 16:15 |
| S77 | 41788 | hologram holographic\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/22 16:15 |
| S78 | 36 | S76 same S77 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/22 16:15 |
| S79 | 1 | S78 same (eras\$4 delet\$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/22 16:15 |
| S80 | 9 | S78 and (eras\$4 delet\$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/26 09:30 |
| S81 | 1 | ("6862120").PN. | US-PGPUB; USPAT | OR | OFF | 2006/12/22 16:20 |
| S82 | 1 | ("6639700").PN. | US-PGPUB; USPAT | OR | OFF | 2006/12/26 09:25 |
| S83 | 1 | ("6862120").PN. | US-PGPUB; USPAT | OR | OFF | 2006/12/26 09:25 |

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| S84 | 45 | angle near2 multiplex near3 (record\$ writ\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/26 09:30 |
| S85 | 449678 | (eras\$4 delet\$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/26 09:30 |
| S86 | 41819 | hologram holographic\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/26 09:30 |
| S87 | 4915 | S84 qand S85 and S86 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/26 09:30 |
| S88 | 13 | S84 and S85 and S86 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/12/26 09:30 |
| S89 | 60726 | random near3 (pattern information data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 16:16 |
| S90 | 533 | (369/103).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/20 16:14 |
| S91 | 52772 | reference near2 (light beam laser) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 16:14 |
| S92 | 44218 | hologram holographic\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 16:15 |
| S93 | 45863 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/06/20 16:15 |
| S94 | 33850 | interference near2 (light beam laser) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 16:15 |
| S95 | 3015731 | (light beam laser) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 16:15 |
| S96 | 185117 | (eras\$4 delet\$4 remov\$4 overwrit\$3 over-writ\$3 ((record\$3 writ\$3) near2 (over atop (on near2 top)))) near3 (data information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 17:05 |
| S97 | 597 | S92 and S89 and S96 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 16:23 |
| S98 | 9 | S90 and S97 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 16:24 |
| S99 | 46 | S93 and S97 not S98 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 16:30 |

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| S10 0 | 11002 | (select\$5 local\$5) near5 S96 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 17:05 |
| S10 1 | 119235 | (eras\$4 delet\$4 overwrit\$3 over-writ\$3 ((record\$3 writ\$3) near2 (over atop (on near2 top)))) near3 (data information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 17:05 |
| S10 2 | 8066 | (select\$5 local\$5) near5 S101 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 17:06 |
| S10 3 | 24 | S102 same S92 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 17:06 |
| S10 4 | 33 | S102 and S92 and S89 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 17:08 |
| S10 5 | 4 | S102 and S92 and S89 and S93 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/06/20 17:08 |
| S10 6 | 61033 | random near3 (pattern information data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/03 15:46 |
| S10 7 | 44393 | hologram holographic\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/03 15:46 |
| S10 8 | 119896 | (eras\$4 delet\$4 overwrit\$3 over-writ\$3 ((record\$3 writ\$3) near2 (over atop (on near2 top)))) near3 (data information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/03 15:46 |
| S10 9 | 8123 | (select\$5 local\$5) near5 S108 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/03 15:46 |
| S11 0 | 40 | S109 and S107 and S106 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/03 15:46 |
| S11 1 | 24 | S109 same S107 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/03 15:46 |
| S11 2 | 45990 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/07/03 15:46 |
| S11 3 | 4 | S109 and S107 and S106 and S112 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/07/03 15:46 |
| S11 4 | 46848 | hologram holographic\$4 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/17 16:48 |

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| S11 5 | 127541 | (eras\$4 delet\$4 overwrit\$3 over-writ\$3 ((record\$3 writ\$3) near2 (over atop (on near2 top)))) near3 (data information) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/17 16:48 |
| S11 6 | 8614 | (select\$5 local\$5) near5 S115 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/17 16:48 |
| S11 7 | 24 | S116 same S114 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/17 16:48 |
| S11 8 | 64383 | random near3 (pattern information data) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/17 16:48 |
| S11 9 | 47379 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/12/17 16:48 |
| S12 0 | 4 | S116 and S114 and S118 and S119 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/17 17:50 |
| S12 1 | 47 | angle adj2 multiplex adj2 recording | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/17 17:50 |